

disposed in the casing by incorporation from an incorporating direction to the cylindrical part for the rotary shaft.

2. (Amended) The motor with a rotation detecting device according to claim 1, further comprising a holder receiving part formed on the inner peripheral surface of the cylindrical part of the casing, and the sensor holder is incorporated in said holder receiving part in a state of temporary holding.

3. (Amended) The motor with a rotation detecting device according to claim 1, further comprising:

a sensor support part in which the rotation detecting device is incorporated and a terminal support part in which a connecting terminal thereof is incorporated, respectively formed in the sensor holder; and

a connecting opening part, enabling seeing the terminal support part from the outside, formed on the outer peripheral surface of the cylindrical part of the casing.

4. (Amended) The motor with a rotation detecting device according to claim 1, further comprising a brush unit in which a brush is incorporated is fixed on the opening side of the cylindrical part of the casing and the sensor holder in the casing is positioned and supported by the casing on the basis of fixing the brush unit to the casing.

5. (Amended) The motor with a rotation detecting device according to claim 3, further comprising a brush connecting terminal incorporated in a brush unit to extend onto and be supported by the terminal support part of the sensor holder, and can be seen from the connecting opening part of the casing.

6. (Amended) The motor with a rotation detecting device according to claim 3, further comprising at least one projecting piece part which projects toward the outside diameter side formed in the connecting opening part of the casing.

7. (Amended) The motor with a rotation detecting device according to claim 6, further comprising an external pull-out terminal unit which is electrically connected to each of connecting terminals of the rotation detecting device and the brush and is incorporated into the connecting opening part from the outside diameter side of the cylindrical part.

8. (Amended) The motor with a rotation detecting device according to claim 2, further comprising a terminal of a terminal support part that is supported in the state of projecting in the outside diameter direction of the cylindrical part, and a support piece part which supports the terminal support part of the sensor holder is formed on the holder receiving part on the bottom side of the cylindrical part, and an incorporation load at the time of incorporating the external pull-out terminal unit to the terminal support part is received by the support piece part.

9. (Amended) The motor with a rotation detecting device according to claim 6, further comprising at least one engaging claw formed on the incorporating tip side in the external pull-out terminal unit, and said engaging claw is engaged with a step-like engagement receiving part which is formed to the connecting opening part when the external pull-out terminal unit is incorporated in the connecting opening part.

10. (Amended) The motor with a rotation detecting device according to claim 9, wherein the engagement receiving part is formed integrally when the cylindrical part is molded.

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Please add new claims 11-20 as follows:

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--11. The motor with a rotation detecting device according to claim 2, further comprising:

a sensor support part in which the rotation detecting device is incorporated and a terminal support part in which a connecting terminal thereof is incorporated formed in the sensor holder; and

a connecting opening part, enabling seeing the terminal support part from the outside, formed on the peripheral surface of the cylindrical part of the casing.--

--12. The motor with a rotation detecting device according to claim 2, further comprising a brush unit in which a brush is incorporated is fixed on the opening side of the cylindrical part of the casing and the sensor holder in the casing is positioned and supported by the casing on the basis of fixing the brush unit to the casing.--

--13. The motor with a rotation detecting device according to claim 3, further comprising a brush unit in which a brush is incorporated is fixed on the opening side of the cylindrical part of the casing and the sensor holder in the casing is positioned and supported by the casing on the basis of fixing the brush unit to the casing.--

--14. The motor with a rotation detecting device according to claim 4, further comprising a brush connecting terminal incorporated in the brush unit to extend onto and be supported by the terminal support part of the sensor holder, and can be seen from the connecting opening part of the casing.--

--15. The motor with a rotation detecting device according to claim 5, further comprising at least one projecting piece part which projects toward the outside diameter side formed in the connecting opening part of the casing.--

--16. The motor with a rotation detecting device according to claim 3, wherein the terminal of the terminal support part is supported in the state of projecting in the outside diameter direction of the cylindrical part, and a support piece part which supports the terminal support part of the sensor holder is formed on the holder receiving part on the bottom side of the cylindrical part, and an incorporation load at the time of incorporating the external pull-out terminal unit to the terminal support part is received by the support piece part.--

--17. The motor with a rotation detecting device according to claim 5, wherein the terminal of the terminal support part is supported in the state of projecting in the outside diameter direction of the cylindrical part, and a support piece part which supports the terminal support part of the sensor holder is formed on the holder receiving part on the bottom side of the cylindrical part, and an incorporation load at the time of incorporating the external pull-out terminal unit to the terminal support part is received by the support piece part.--

--18. The motor with a rotation detecting device according to claim 6, wherein the terminal of the terminal support part is supported in the state of projecting in the outside diameter direction of the cylindrical part, and a support piece part on the channel back side which supports the terminal support part of the sensor holder is formed on the holder receiving part, and an incorporation load at the time of incorporating the external pull-out terminal unit to the terminal support part is received by the support piece part.--

--19. The motor with a rotation detecting device according to claim 7, further comprising at least one engaging claw formed on the incorporating tip side in the external pull-out terminal unit, and said engaging claw is engaged with a step-like engagement receiving part which is formed to the connecting opening part when the external pull-out terminal unit is incorporated in the connecting opening part.--

--20. The motor with a rotation detecting device according to claim 8, further comprising at least one engaging claw formed on the incorporating tip side in the external pull-out terminal unit, and said engaging claw is engaged with a step-like engagement receiving part which is formed to the connecting opening part when the external pull-out terminal unit is incorporated in the connecting opening part.--